IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: 2637 Applicants: Shousheng He

Serial No: 09/885.375 Examiner: Jacob M. Meek

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For FFFICIENT CHANNEL ESTIMATION IN A DIGITAL COMMUNICATIONS SYSTEM

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December 7, 2005

Pamela S. Newton

AMENDMENT UNDER 37 CFR 1.111

In response to the Office Action dated September 7, 2005, the Applicant submits the following amendments and remarks. Reconsideration of the application is respectfully requested.

SUMMARY OF AMENDMENTS

Claims 1, 3, 5, and 8-10 have been amended.

Claims 2, 4, 6, 7, and 11-23 have been canceled.

A complete list of pending claims begins on page 2 of this paper.

Remarks begin on page 5 of this paper.